



Kentucky Agricultural Statistics Service  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

LELAND E. BROWN, State Statistician

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**AGRICULTURAL NEWS:** The week started off cool but gave way to warm and wet weather by the end of the week. Temperatures averaged 63 degrees, 8 degrees above normal and 15 degrees above last week's average. Rainfall totaled 1.86 inches statewide, 0.87 inches above normal. **Topsoil moisture**, as of Friday, April 12 was rated 1 percent short, 74 percent adequate, and 25 percent surplus. **Subsoil moisture**, was rated 1 percent very short, 5 percent short, 70 percent adequate, and 24 percent surplus. Days suitable for fieldwork averaged 3.9 out of a possible 7. Primary farming activities included spreading fertilizer, preparing fields for planting, fencing and spraying burn down for no-till corn.

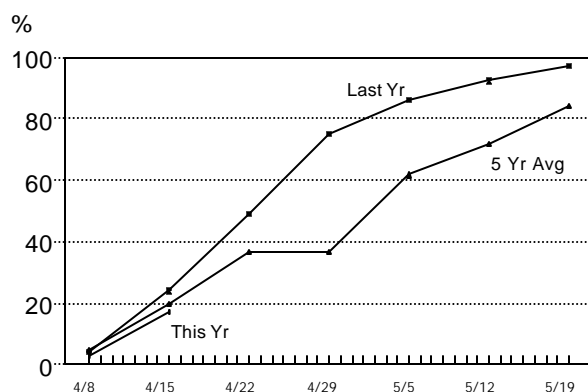
**TOBACCO:** Plant bed and greenhouse seeding was 90 percent complete by Sunday, April 14. This was 7 percent ahead of last year and 3 percent above average. Tobacco transplants had emerged on 63 percent of the seeded beds and flats, 11 percent ahead of last year, and 8 percent ahead of the five year average. Condition of transplants was 3 percent poor, 19 percent fair, 64 percent good, and 14 percent excellent.

**CORN:** Dry weather and warming temperatures in the middle of the week allowed farmers, across much of the State, a few days to plant their crops before the weekend showers. Corn producers have seeded 17 percent of their acres, 4 percent below last year and 1 percent below average.

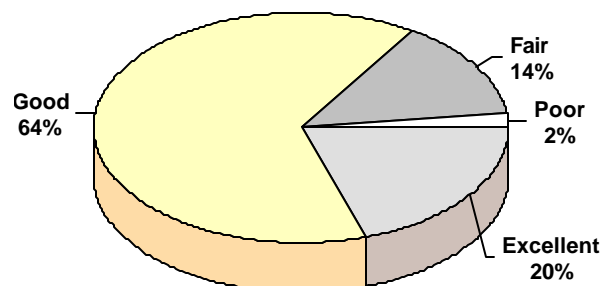
**SMALL GRAINS:** A few reports of damage from freezing temperatures and crop stress from excess rainfall have been reported. As of Sunday, April 14 wheat condition was 2 percent poor, 14 percent fair, 64 percent good, and 20 percent excellent. Barley was rated 1 percent very poor, 3 percent poor, 16 percent fair, 69 percent good, and 11 percent excellent.

**LEGUMES AND PASTURES:** Pasture condition was rated 1 percent very poor, 6 percent poor, 24 percent fair, 54 percent good, and 15 percent excellent. Pasture conditions continued to improve with the recent weather prompting some producers to turn cattle out. Farmers were also busy top dressing pasture and hay fields last week. The average height of alfalfa as of Friday, April 12 was 7 inches.

CORN PLANTING PROGRESS



WHEAT CONDITION  
(Apr. 14)



**KENTUCKY CROP PROGRESS**  
WEEK ENDING APRIL 14, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	90	83	87	72	NA
Emerged	63	52	55	41	NA
Corn					
Planted	17	21	18	3	2

(NA) Data Not Available.

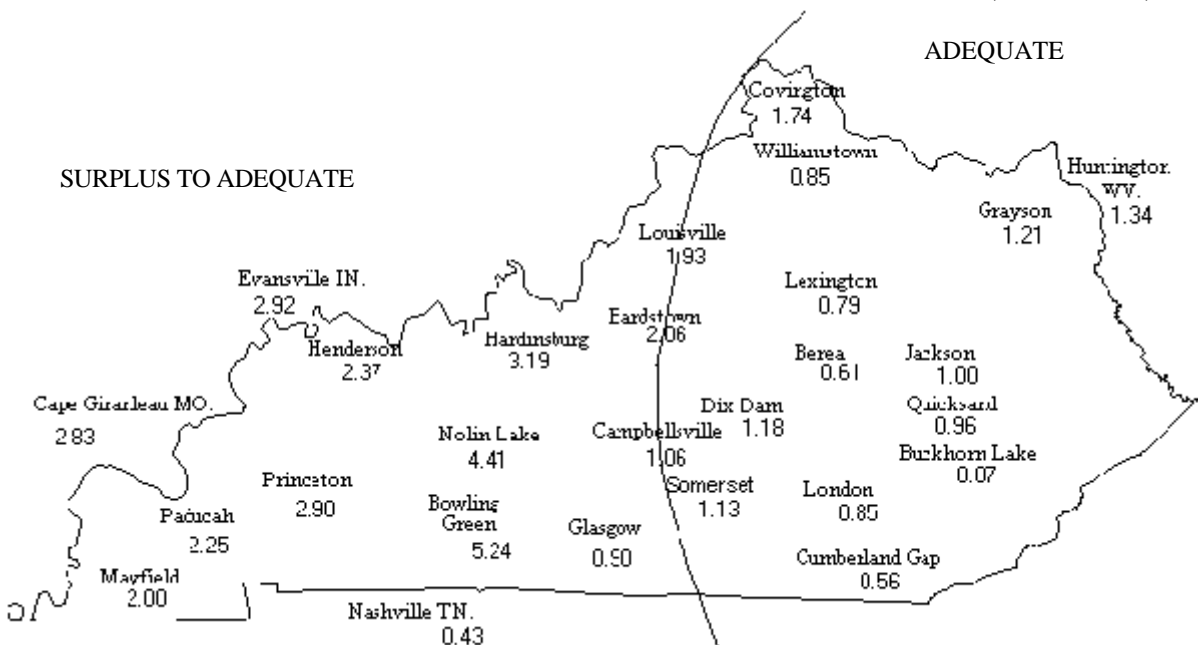
**SOIL MOISTURE**  
WEEK ENDING APRIL 12, 2002  
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	0	0
Short	1	2
Adequate	74	61
Surplus	25	37
<b>SUBSOIL</b>		
Very Short	1	1
Short	5	6
Adequate	70	64
Surplus	24	29

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING APRIL 12, 2002					WEEK ENDING APRIL 5, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Wheat	0	2	14	64	20	0	2	19	58	21
Barley	1	3	16	69	11	0	0	29	69	2
Pasture	1	6	24	54	15	1	10	31	46	12
Tobacco Transplants	0	3	19	64	14	-	-	-	-	-

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 14, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 12, 2002**



## **KENTUCKY WEATHER SUMMARY, APRIL 8 - 14, 2002:**

### **ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:**

A shift in the weather last week from a cool and wet pattern to a warm and wet pattern provided rapid spring growth across the Bluegrass state. Warm temperatures dominated most of the week with temperatures over 15 degrees warmer than the previous week. The elevated temperatures combined with abundant rainfall yielded a plethora of spring colors with farmers looking for windows of opportunity to get in their fields.

Temperatures for the past 7 days averaged 63 degrees across the State which was 8 degrees ABOVE NORMAL and much warmer compared to the previous week's average temperatures in the mid 40's. High temperatures averaged from 73 in the West to 73 in the East. Departure from normal high temperatures ranged from 4 degrees ABOVE NORMAL in the West to 10 degrees ABOVE NORMAL in the East. Low temperatures averaged from 53 degrees in the West to 55 degrees in the East. Departure from normal low temperature ranged from 8 degrees ABOVE NORMAL in the West to 12 degrees ABOVE NORMAL in the East. Extreme high temperatures were in the low 80's and extreme low temperatures were in the low 40's. Average soil temperatures under a sod cover increased over 5 degrees from the previous week with maximums in the low 60's and minimums in the low 50's.

Rainfall for the period totaled 1.86 inches statewide which was 0.87 inches ABOVE NORMAL. Weekly rainfall totals by climate division, West 2.55 inches, Central 2.95 inches, Bluegrass 0.94 inches and East 0.99 inches, which was +1.47, +1.95, 0.00 and +0.07 inches respectively from normal. By station, precipitation totals ranged from a low of 0.44 inches at UK's Spindletop research farm in Lexington to a high of 5.24 inches at Bowling Green. Since mid-March the Bluegrass state has received over 8 inches of rain nearly 4 inches ABOVE NORMAL.

Tom Priddy

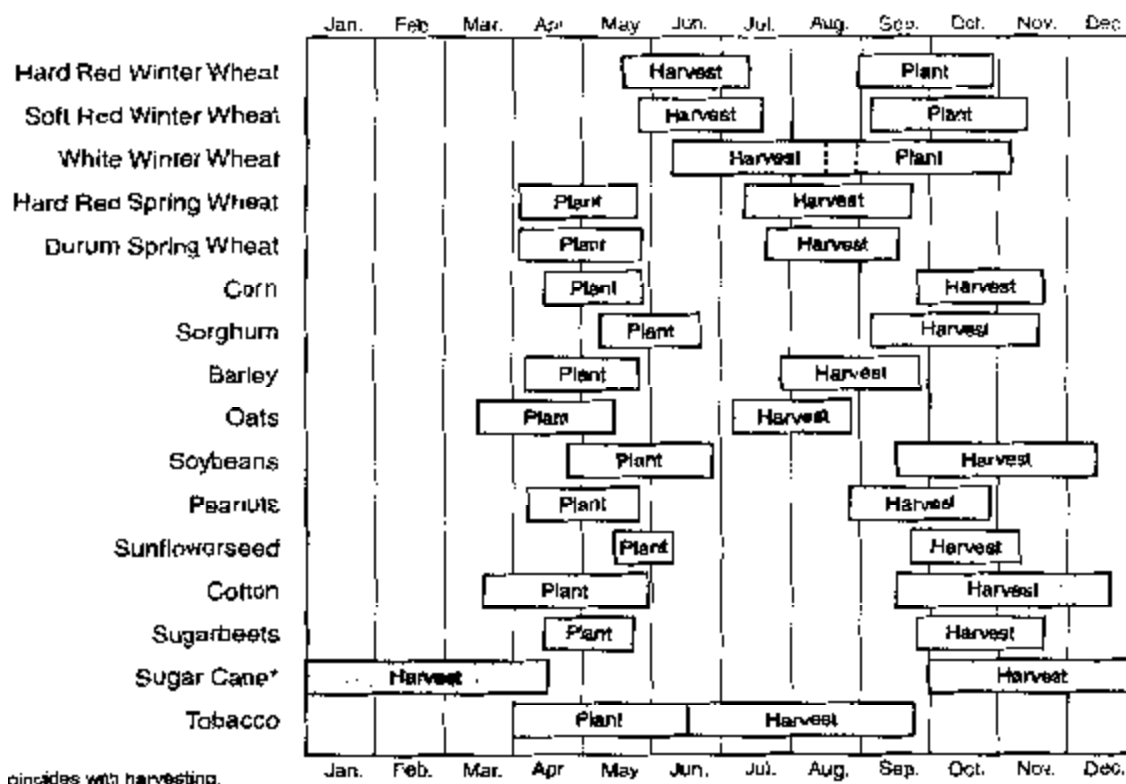
## **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, APRIL 14, 7:00 P.M.**

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. Grass		Air		Wkly. Avg	Deviation From Normal
	(Inches)			High	Low	High	Low		
Bardstown	2.06	14.28	+2.00	64	50	79	35	62.4	+7
Berea	0.61	12.40	+0.36	62	50	82	41	64.7	+11
Bowling Green	5.24	17.49	+2.42	--	--	79	39	62.7	+8
Bristol	0.21	11.29	-0.62	--	--	78	45	63.0	+9
Buckhorn Lake	0.87	13.76	+0.54	--	--	80	49	64.7	+11
Cape Girardeau	2.83	17.86	+4.54	--	--	79	38	62.9	+6
Campbellsville	1.06	13.94	-0.80	61	50	81	46	65.7	+11
Covington	1.74	10.43	-0.84	--	--	78	37	60.7	+7
Cumberland Gap	0.56	14.40	-0.88	62	51	78	47	63.8	+10
Dix Dam	1.18	12.63	-0.06	--	--	80	48	64.6	+11
Evansville	2.92	13.53	+1.16	--	--	81	37	62.4	+5
Glasgow	0.90	14.16	-1.07	61	50	82	40	64.9	+10
Grayson	1.21	13.09	+2.24	62	51	81	45	65.2	+12
Hardinsburg	3.19	16.30	+2.32	63	51	80	45	63.0	+8
Henderson	2.37	12.69	-0.18	63	52	80	34	62.1	+5
Huntington	1.34	13.88	+3.09	--	--	81	43	64.2	+11
Jackson	1.00	14.65	+1.51	--	--	81	43	64.4	+11
Lexington	0.79	12.53	+0.25	--	--	79	43	62.8	+9
London	0.85	14.15	+0.82	--	--	79	44	62.7	+9
Louisville	1.93	17.16	+4.37	--	--	80	39	61.8	+7
Mayfield	2.00	11.23	-4.91	62	48	75	43	62.9	+6
Nashville	0.43	16.85	+2.55	--	--	79	45	65.3	+10
Nolin Lake	4.41	17.50	+3.37	--	--	79	46	63.3	+8
Paducah	2.25	17.17	+2.74	69	38	79	40	63.8	+7
Princeton	2.90	17.43	+2.02	66	50	80	40	64.9	+8
Quicksand	0.96	13.91	+0.77	62	51	81	51	65.6	+12
Somerset	1.13	14.69	+0.57	61	48	80	40	62.9	+9
Spindletop	0.44	11.86	-0.42	65	50	79	43	61.5	+8
Williamstown	0.85	11.13	-0.82	62	50	79	39	62.8	+9

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# PLANTING AND HARVESTING CALENDAR FOR MOST MAJOR U.S. CROP AREAS <sup>1/</sup>



\* Planting coincides with harvesting.

<sup>1/</sup> Represents areas where production is concentrated, but not full spectrum of planting and harvesting periods for each crop.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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